

Serial No. 10/631996

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IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

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**Mischa Megens**  
**Shu Yang**

Case: **5-2-15**

Serial No.: **10/631996**

Filing Date: **July 31, 2003**

Examiner: Group Art Unit: **1756**

Title: **Tunable Micro-Lens Arrays**

COMMISSIONER FOR PATENTS  
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SIR:

Transmitted herewith are fifteen (15) sheets of formal drawings to be substituted for the informal drawings initially filed in the above-identified application for patent.

**No Additional fee is required.**

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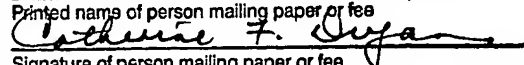
Respectfully,

  
\_\_\_\_\_  
John F. McCabe, Attorney

Reg. No. 42854  
908-582-6866

Date: Dec. 21, 2004

Docket Administrator (Room 3J-219)  
Lucent Technologies Inc.  
101 Crawfords Corner Road  
Holmdel, NJ 07733-3030

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J AIZENBERG 5-2-15  
Tunable Micro-Lens Arrays  
John F McCabe (908)582-6866

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FIG. 1

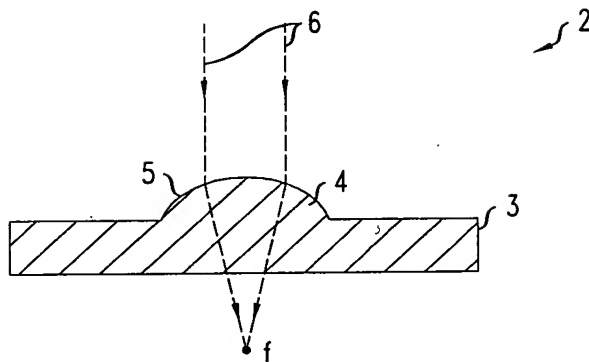
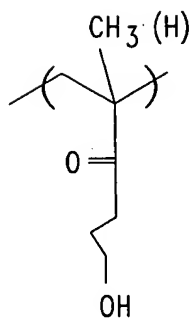
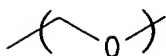


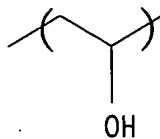
FIG. 2



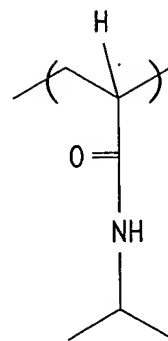
PHEMA



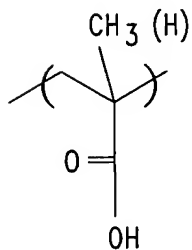
PEG



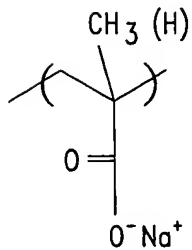
PVA



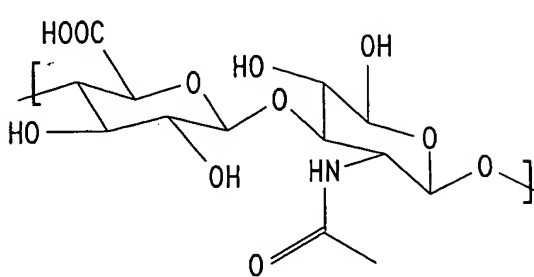
PNIPA



PMAA



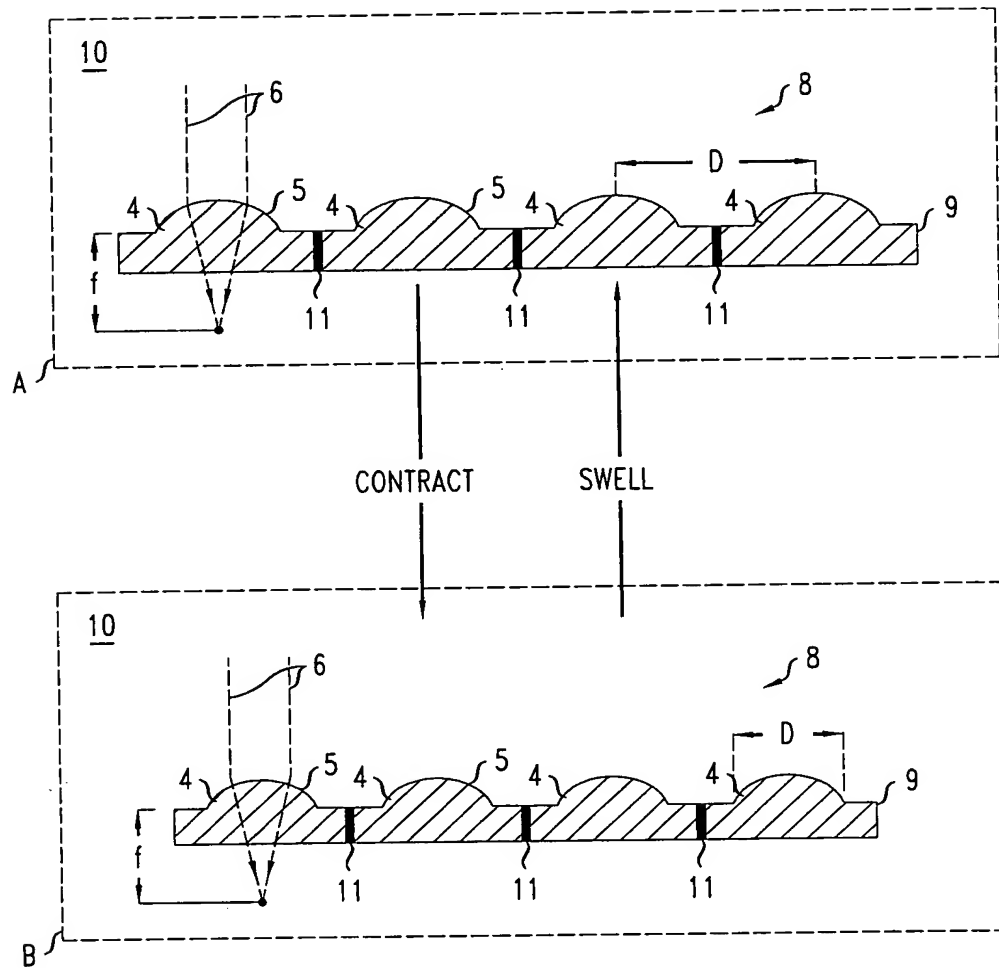
Na SALT OF  
PMAA



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FIG. 3



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FIG. 4

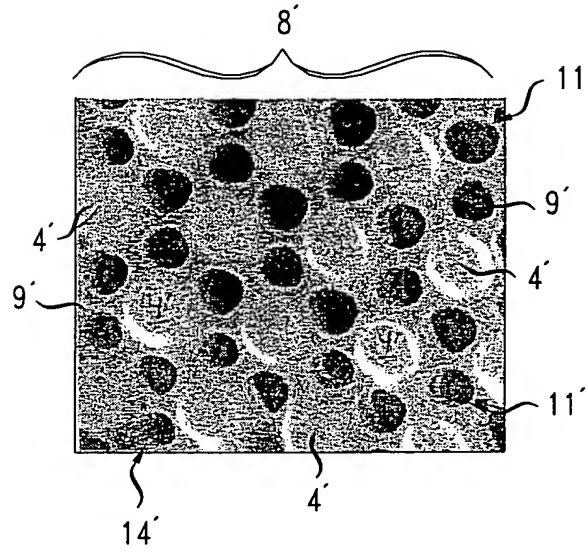
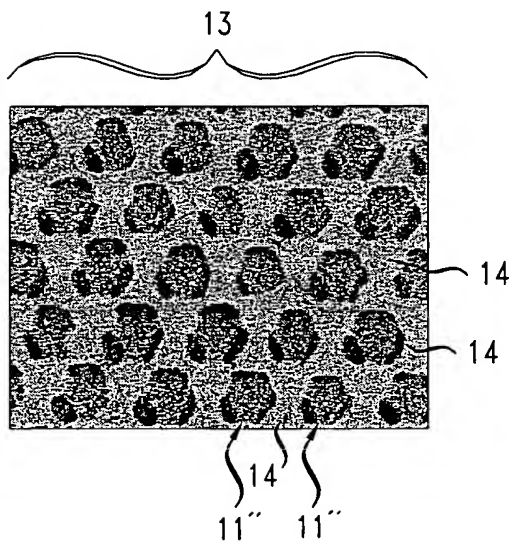


FIG. 5



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FIG. 6

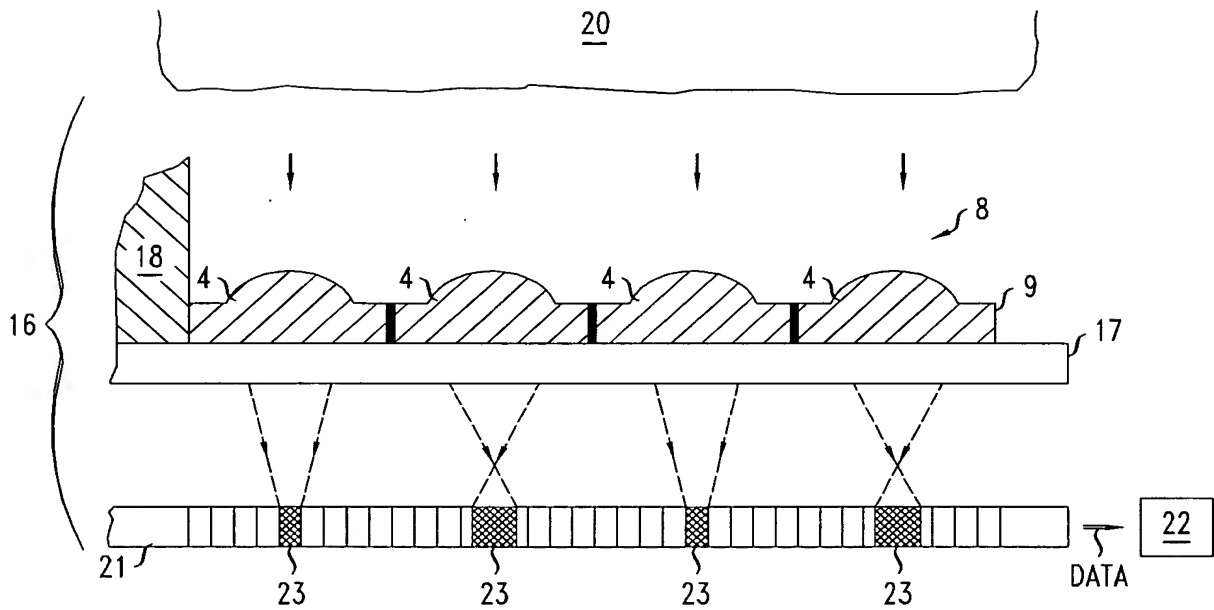
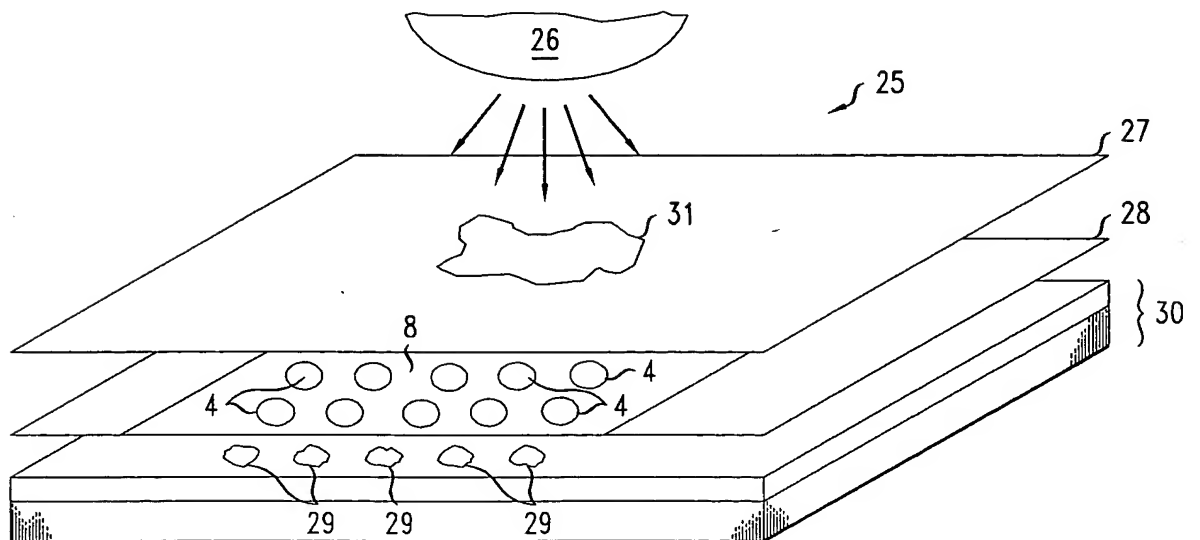
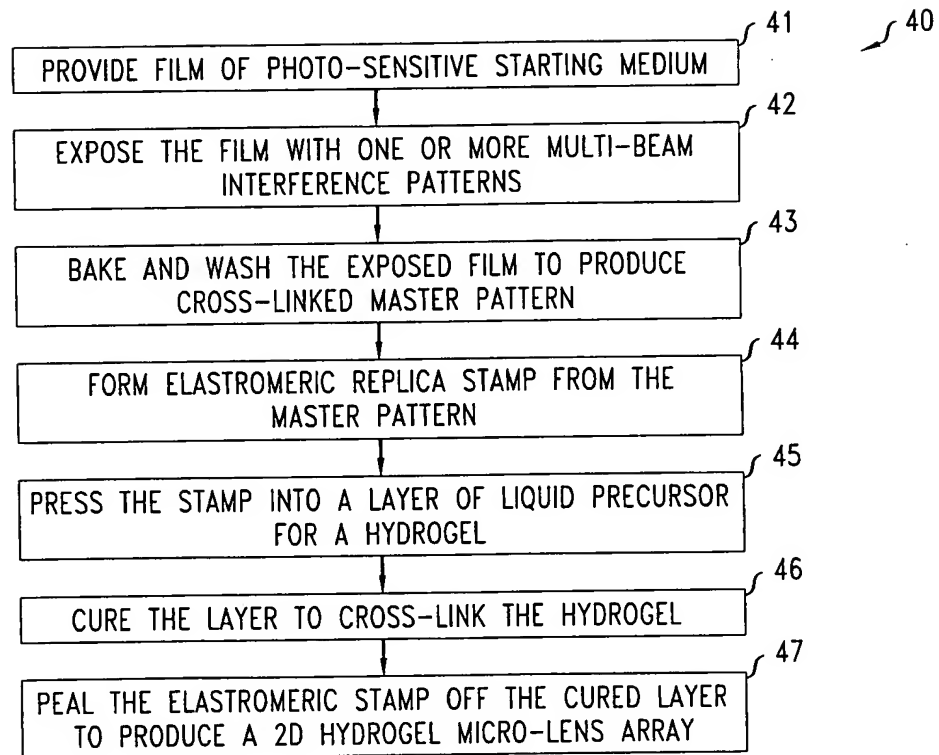


FIG. 7



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FIG. 8



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FIG. 9

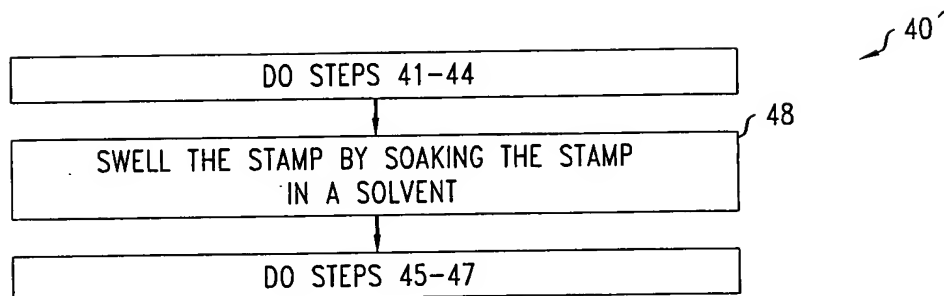
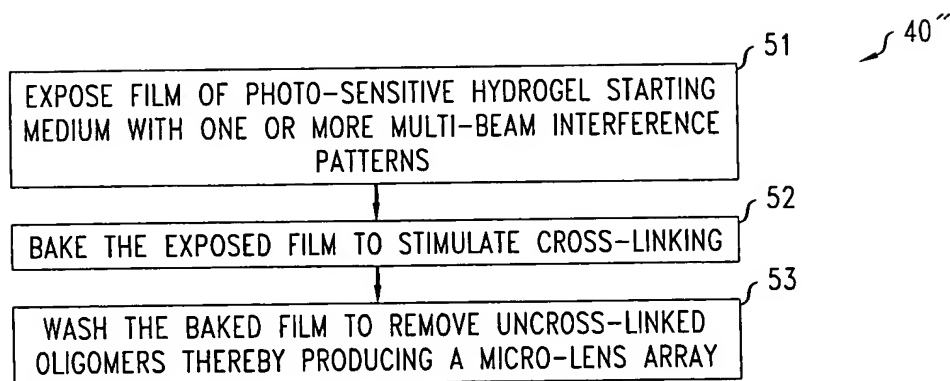


FIG. 10



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FIG. 11A

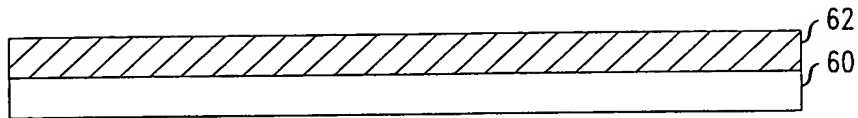


FIG. 11B

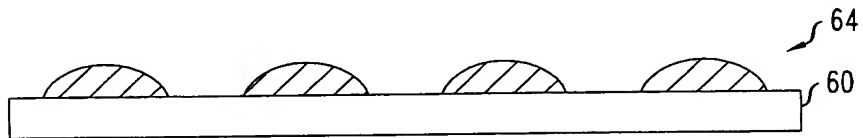


FIG. 11C

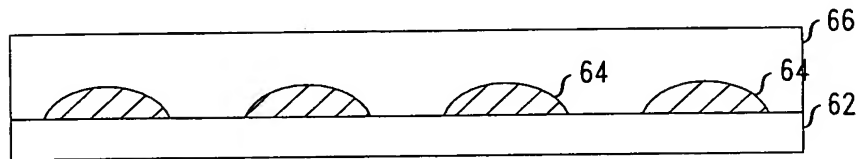


FIG. 11D



FIG. 11E

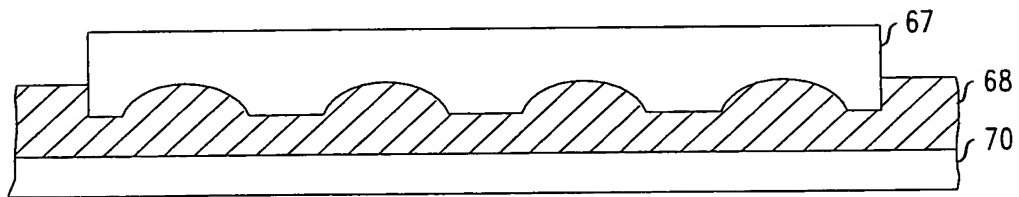
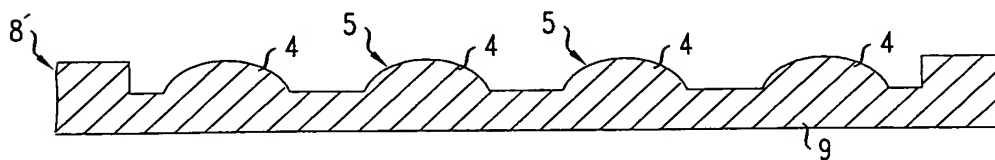


FIG. 11F





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FIG. 12

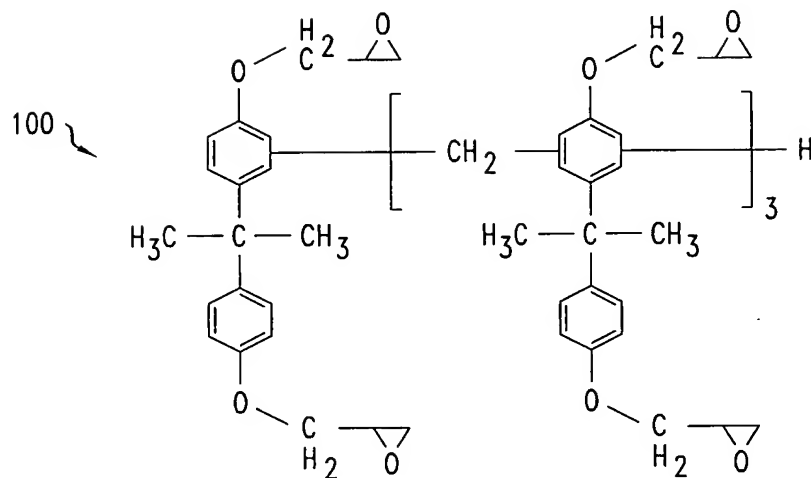


FIG. 14 A

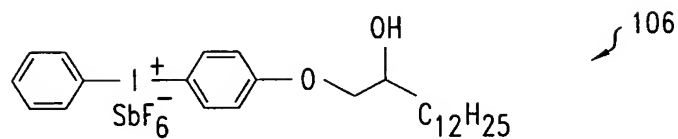
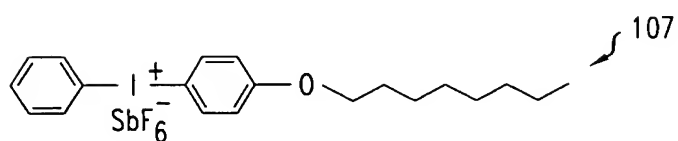


FIG. 14 B



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FIG. 13 A

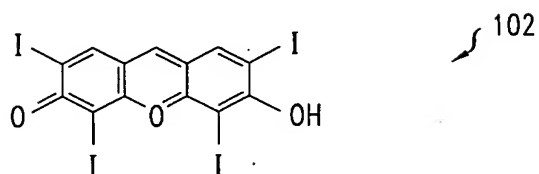


FIG. 13 B

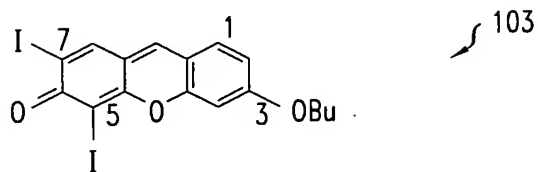
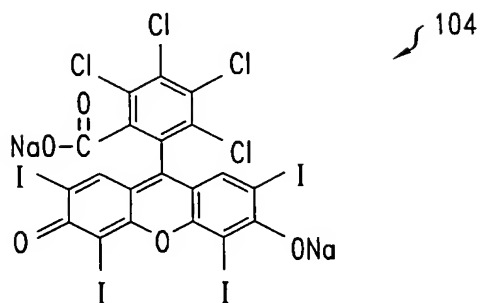
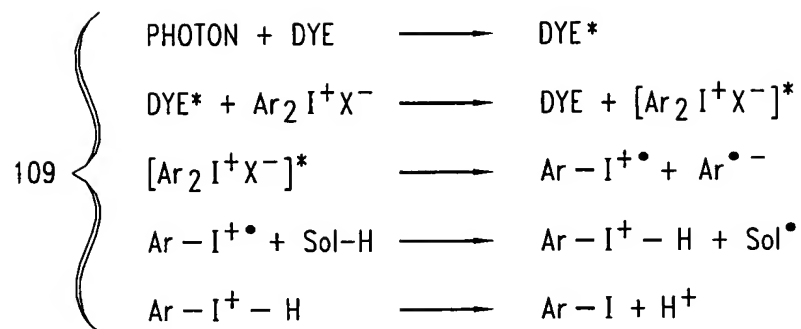


FIG. 13 C



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FIG. 15



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FIG. 16 A

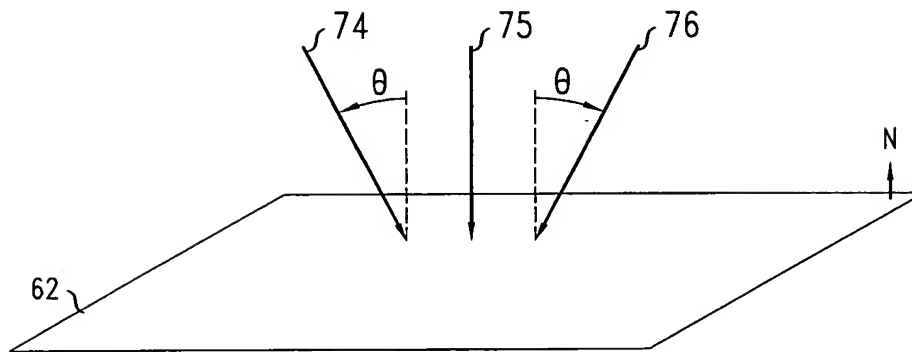
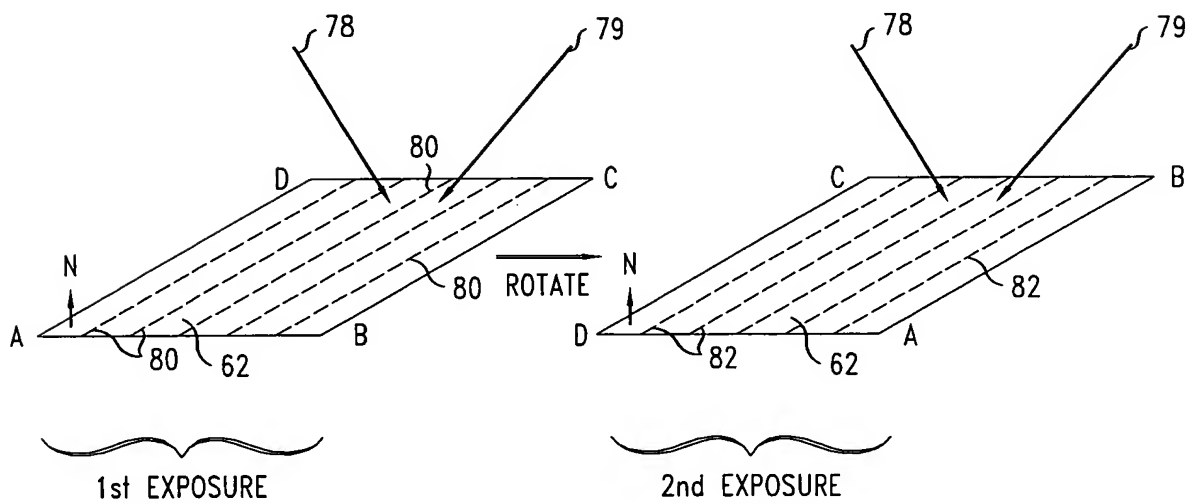


FIG. 16 B



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FIG. 17

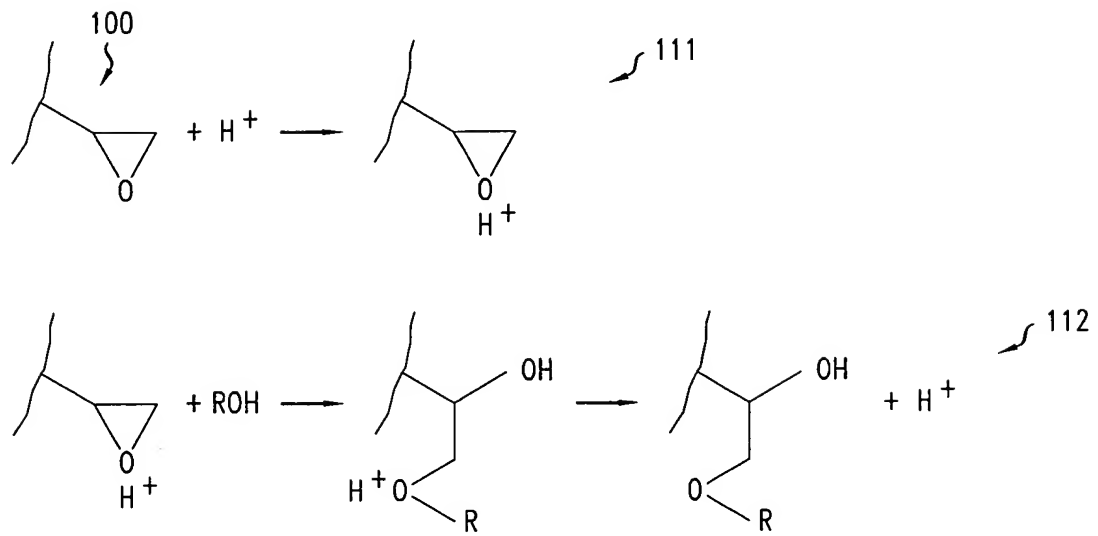
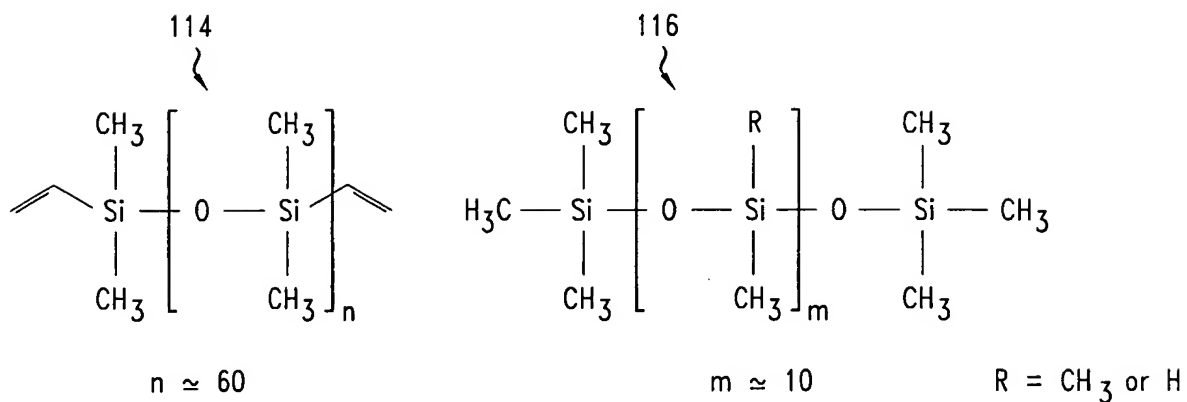
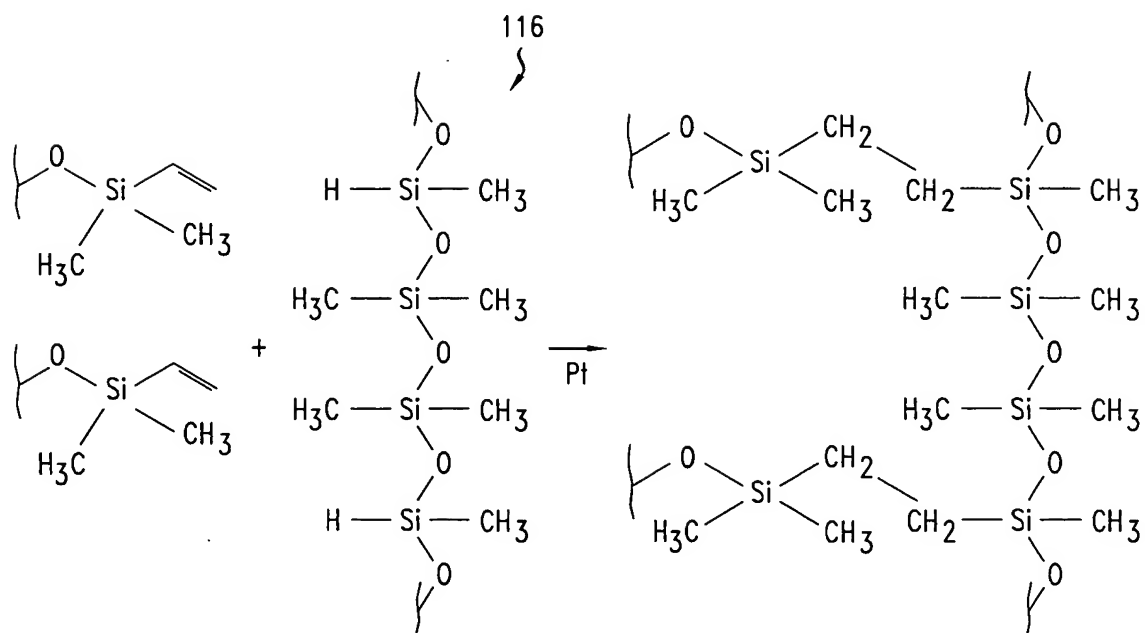


FIG. 18 A

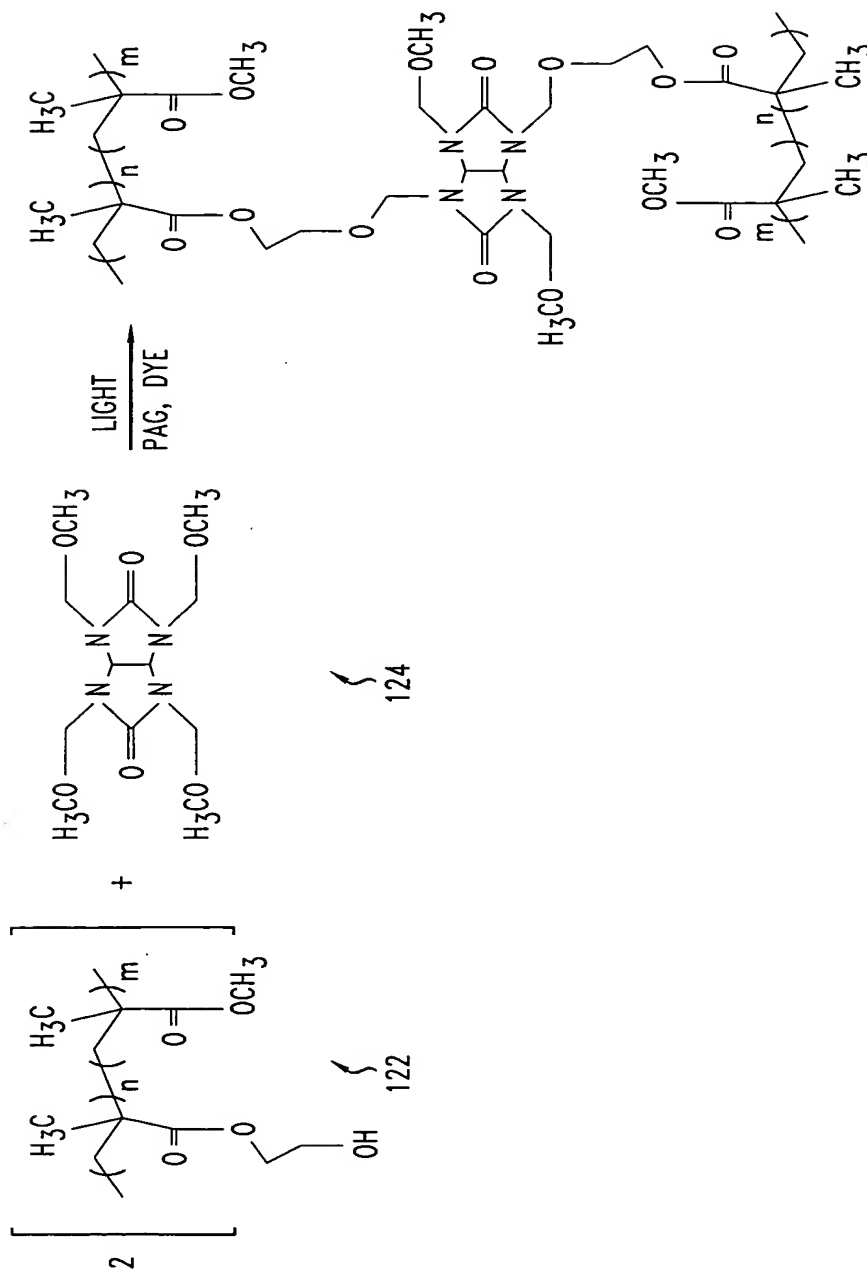


*FIG. 18 B*



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FIG. 19



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FIG. 20

